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25TH ANNIVERSARY OF THE ALL-UNION BUREAU
OF ELECTRICAL INSULATION OF VNITOE

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At the beginning of 1950, a meeting was held to observe the 25th anniversary of the All-Union Bureau of Electrical Insulation of VNITOE (All-Union-Scientific and Technical Society of Power Engineers), founded in 1924 by the All-Union Power Engineering Committee.

The opening address by Yu. V. Koritskiy, president of the bureau and Candidate of Technical Sciences, was followed by a report on "The Electrical Properties of Polymers," read by P. P. Kobeko Corresponding Member of the Academy of Sciences USSR. A summary of the president's speech follows:

The president drew particular attention to the close links between the bureau, industrial enterprises, and scientific organizations, and pointed out that contributions to the work of the bureau have been made by a wide circle of engineers and research workers. This, in turn, has enabled the bureau to keep in step with Soviet electrical insulation techniques and to further their development.

The bureau took an active part in setting up the production of new electrical insulating materials, introducing new technological processes, and working out standards and technical requirements. The bureau initiated a number of conferences and meetings, including three All-Union Conferences on Electrical Insulation (1924, 1927, 1934), and the All-Union Conference on the Regeneration of Transformer Oils (1932). [During the 25 years], more than 800 scientific and technical reports were discussed in Moscow, Leningrad, Sverdlovsk, Tomsk, Rostov, Tallin, and other cities in the USSR.

The bureau organized the publication of specialized literature on electrical insulation techniques. It also recommended the publication of such valuable books as Fizika dielektrikov (Physics of Dielectric) a collective work, and Fiziko-khimicheskiye svoistva dielektrikov (Physico-Chemical Properties of Dielectrics) by P. P. Kobeko. During the World War II, the bureau assisted industry in finding substitutes for raw materials and commodities in short supply. When the changeover

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to peace-time production started, the bureau undertook the organization of a number of projects, in particular scientific and technical meetings. In 1946, the scientific and technical meeting on electrical insulation was convened at Leningrad; in 1947 a meeting on the use of insulation in electric power systems was held in conjunction with the Rostov division of VNITOE, and in 1948 a meeting was held which drew up theoretical and industrial reports on electrical insulation.

In 1949, three new divisions of the All-Union Bureau of Electrical Insulation were established in addition to the Leningrad division. These were the Urals Division (president, Ye. V. Kalinin, Candidate of Technical Sciences), the Siberian Division (president, K. A. Vodop'yanov, Candidate of Technical Sciences), and the Southern Division (president G. I. Lysakovskiy, engineer). The Siberian Division held a scientific and technical meeting in 1949 to discuss electrical insulation and protection from overvoltages.

In the postwar period, the All-Union Bureau has organized a number of lectures in plants in the Moscow area. This important work is not yet sufficiently well organized and still requires energetic measures on the part of the bureau. Inadequate cooperation between the bureau and the management of individual plants and research institutes is also a serious weakness.

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